

**IN THE SPECIFICATION**

Under the section entitled "Related Patent Applications," please amend the paragraph starting at page 1, line 2 as follows:

A1  
This application is related to U.S. Patent Application Serial No. \_\_\_\_\_  
09/853,323 entitled "Method and System for Transmitting Information in an Optical  
Communication System Using Distributed Amplification," U.S. Patent Application Serial  
No. \_\_\_\_\_ 09/853,318 entitled "Receiver and Method for a Multichannel Optical  
Communication System," U.S. Patent Application Serial No. \_\_\_\_\_ 09/853,340  
entitled "Method and System for Tuning an Optical Signal Based on Transmission  
Conditions," and U.S. Patent Application Serial No. \_\_\_\_\_ 09/853,319 and  
entitled "Method and System for Communicating a Clock Signal Over an Optical Link, all  
filed on May 10, 2001.

**IN THE CLAIMS**

For the convenience of the Examiner, all pending claims of the present Application  
are shown below whether or not an amendment has been made.

1. (Currently Amended) A method for demultiplexing non-intensity modulated  
wavelength division multiplexed (WDM) signals, comprising:

receiving a wavelength division multiplexed (WDM) signal having a plurality of non-  
intensity modulated optical information signals; and

A2  
converting a plurality of the non-intensity modulated optical information signals to  
intensity modulated signals while the plurality of non-intensity modulated optical  
information signals are multiplexed in at least a portion of the WDM signal, the plurality of  
non-intensity modulated signals being converted using an asymmetric Mach-Zender  
interferometer comprising a free spectral range coinciding with a channel spacing of the  
WDM signal or an integer multiple of the channel spacing.

2. (Cancel)